

IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): An infrared thermometer having including an infrared sensor and a probe tip including for taking temperature readings in an ear canal, said probe tip has a radiation inlet opening enabling infrared radiation to travel from a measurement site to the infrared sensor, wherein [[it]] the infrared thermometer also includes additionally a probe head (5) for taking temperature readings on skin surfaces that is mountable on demountably attachable to the probe tip (2).

Claim 2 (Currently Amended): An infrared thermometer having including an infrared sensor and a radiation inlet opening enabling infrared radiation to travel from a measurement site to the infrared sensor, wherein [[it]] the infrared thermometer also includes at least a probe tip (2) for taking temperature readings in an ear canal [[or]] and a probe head (5) used in combination with the probe tip for taking temperature readings on skin surfaces, said probe head is demountably attachable to the thermometer (1).

Claim 3 (Previously Amended): The infrared thermometer as claimed in claim 1 or 2, wherein at least the probe head (5) or the probe tip (2) is pivotal in at least one spatial plane.

Claim 4 (Previously Amended): The infrared thermometer as claimed in claim 1, wherein the infrared thermometer includes a first switch (3) actuatable when a probe head (5) is

installed, and that the calculation of a temperature indication value from the temperature measurement values is influenced by actuation of said first switch (3).

Claim 5 (Previously Amended): The infrared thermometer as claimed in claim 4, wherein the infrared thermometer includes a second switch (4) actuatable when a protective cover (6) is installed over the probe tip (2), and that the calculation of a temperature indication value from the temperature measurement values is influenced by actuation of said second switch (4).

Claim 6 (Previously Amended): The infrared thermometer as claimed in claim 1, wherein the probe head (5) includes an opening for infrared radiation.

Claim 7 (Previously Amended): The infrared thermometer as claimed in claim 6, wherein the geometrical shape of the probe head (5) is selected so that the measurement site is shielded from infrared radiation emanating from the environment.

Claim 8 (Previously Amended): The infrared thermometer as claimed in claim 7, wherein the surface (8) of the probe head (5) located at the end remote from the measurement site during a temperature reading is of a funnel-shaped configuration.

Claim 9 (Previously Amended): The infrared thermometer as claimed in claim 6, wherein the opening of the probe head (5) is closed by a window (9) transparent to infrared radiation.

Claims 10-12 (Canceled).

Claim 13 (Previously Presented): The infrared thermometer as claimed in claim 2, wherein at least the probe head (5) or the probe tip (2) is pivotal in at least one spatial plane.

Claim 14 (Previously Presented): The infrared thermometer as claimed in claim 2, wherein the infrared thermometer includes a first switch (3) actuatable when a probe head (5) is installed, and that the calculation of a temperature indication value from the temperature measurement values is influenced by actuation of said first switch (3).

Claim 15 (Previously Presented): The infrared thermometer as claimed in claim 3, wherein the infrared thermometer includes a first switch (3) actuatable when a probe head (5) is installed, and that the calculation of a temperature indication value from the temperature measurement values is influenced by actuation of said first switch (3).

Claim 16 (Previously Presented): The infrared thermometer as claimed in claim 2, wherein the infrared thermometer includes a second switch (4) actuatable when a protective

cover (6) is installed over a probe tip (2), and that the calculation of a temperature indication value from the temperature measurement values is influenced by actuation of said second switch (4).

Claim 17 (Previously Presented): The infrared thermometer as claimed in claim 2, wherein probe head (5) includes and an opening for infrared radiation.

Claim 18 (Previously Presented): The infrared thermometer as claimed in claim 17, wherein the geometrical shape of the probe head (5) is selected so that the measurement site is shielded from infrared radiation emanating from the environment.

Claim 19 (Previously Presented): The infrared thermometer as claimed in claim 17, wherein the surface (8) of the probe head (5) located at the end remote from the measurement site during a temperature reading is of a funnel-shaped configuration.

Claim 20 (Previously Presented): The infrared thermometer as claimed in claim 17, wherein the opening of the probe head (5) is closed by a window (9) transparent to infrared radiation.

Claim 21 (Canceled).